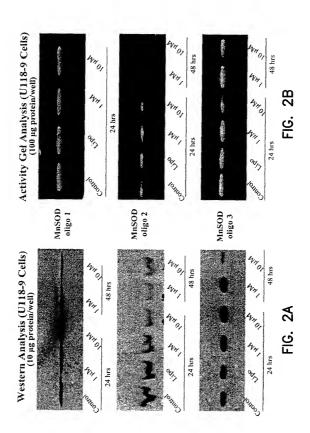
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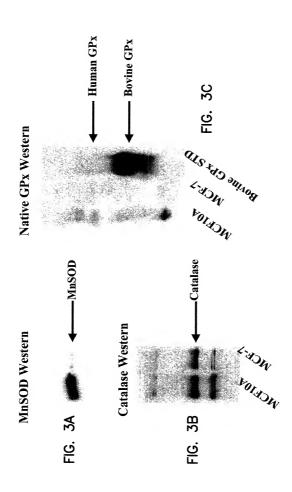
AAG GGA GAT The Asin Ala Glin Life Met Glin Leu His His Ser Lys His His Ala Ala Tyr Val ATC AAC GCG CAG ATC ATG CAG CAC CAC CAG CAG CAC GCG GCC TAC GTG Gly Asp Arg ITG GGG TAT CTG GGC TCC AGG AGC CTC CCC GAC CTG CCC TAC GAC TAC GGC GCC CTG GAA CCT CAC G A L E P H Gly Ala Leu Glu Pro His GCAGATCGGC GGCATCAGCG GTAGCACCAG CACTAGCAGC ATG TTG AGC CGG GCA CIT CAG CCT GCA GTG AAG TTC AAT GGT GGT GGT CAT Ala Gly His Arg Ċ oligo Y Q E A L A K Tyr Gin Glu Ala Leu Ala Lys M L S Met Leu Ser Q P A L K F N G G G GIn Pro Ala Leu Lys Phe Asn Gly Gly Tyr Leu AAC AAC CTG AAC GTC ACC GAG GAG AAG TAC CAG GAG GCG TTG GCC oligo 1 Leu Gly H Ţ. ¥ oligo 3 Tyr Asp 3TG TGC GGC ACC AGC AGG CAG CTG GCT CCG M Q L H H Met Gln Leu His His R Q L A P Arg Gln Leu Ala Pro 은 교 Glu Lys Leu Pro Asp Leu Pro gln Leu Ω 년 Ser Val Thr Ser Asn Asn Leu Asn A Q Ala Gln ACA GCC CAG Z Gly His CAG AAG CAC. Gln Lys Thr Z Val Val

FIG. 1

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TITLE: REDUCTION OF ANTIOXIDANT ENZYME LEVELS IN TUMOR CELLS USING ANTISENSE DLIGONUCLEOTIDES

INVENTORS NAME: Larry Wayne Oberley et al.

DOCKET NO.: 875.042US1

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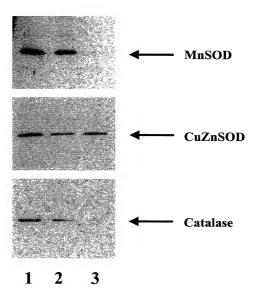


FIG. 4

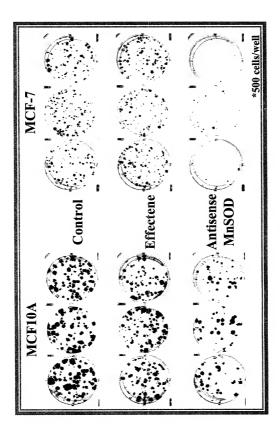
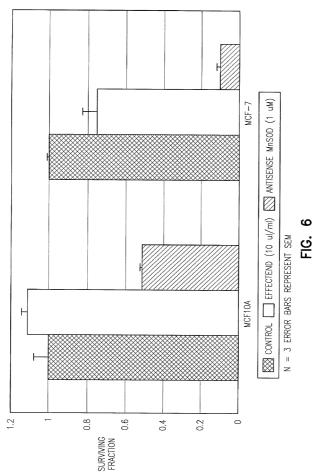


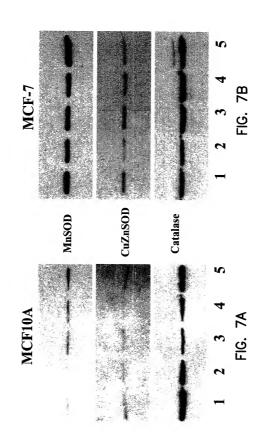
FIG. 5

INVENTORS NAME: Larry Wayne Oberley et al. DOCKET NO.: 875.042US1

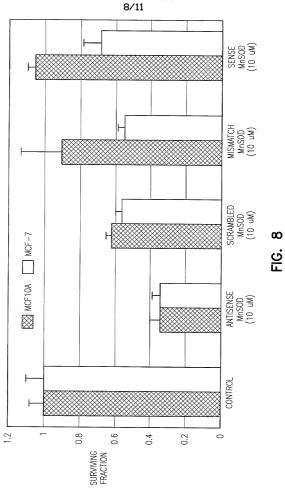




TITLE: REDUCTION OF ANTIOXIDANT ENZYME LEVELS IN TUMOR CELLS USING ANTISENSE OLIGONUCLEOTIDES
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INVENTORS NAME: Larry Wayne Oberley et al. DOCKET NO.: 875.042US1



STOROUNUM, ALLENGA

MCF-7 Control 25% (1/4) Lipofectin only 25% (1/4) Antisense MnSOD ODN 75% (3/4) Mismatch MnSOD ODN 0% (0/4) Scrambled MnSOD ODN 50% (2/4) Sense MnSOD ODN 25% (1/4)	Group	Disease Free Mice (Day 316)	Number of Mice Living
DN 75% (1/4) DN 75% (3/4) DN 0% (0/4) DDN 50% (2/4) 25% (1/4)	MCF-7 Control	25% (1/4)	(2/4)
DN 75% (3/4) DN 0% (0/4) DN 50% (2/4) 25% (1/4)	Lipofectin only	25% (1/4)	(1/4)
DN 0% (0/4) DDN 50% (2/4) 25% (1/4)	Antisense MnSOD ODN	75% (3/4)	(3/4)
30% (2/4) 25% (1/4)	Mismatch MnSOD ODN	0% (0/4)	(0/4)
25% (1/4)	Scrambled MnSOD ODN	50% (2/4)	(2/4)
	Sense MnSOD ODN	25% (1/4)	(1/4)

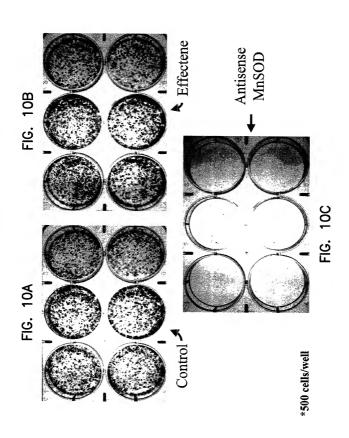
FIG. 9

TITLE: REDUCTION OF ANTIOXIDANT ENZYME LEVELS IN TUMOR CELLS USING ANTISENSE OLIGONUCLEOTIDES

INVENTORS NAME: Larry Wayne Oberley et al.

DOCKET NO.: 875.042US1

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TITLE: REDUCTION OF ANTIOXIDANT ENZYME LEVELS IN TUMOR CELLS USING ANTISENSE OLIGONUCLEOTIDES INVENTORS NAME: Larry Wayne Oberley et al. DOCKET NO.: 875.042US1

